

From: [Wyatt, Robert](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#); [ricka@bes.ci.portland.or.us](#); [Jim.McKenna@portofportland.com](#)
Cc: [kpine@anchorenv.com](#); [voster@anchorenv.com](#); [Chip.Humphrey/R10/USEPA/US@EPA](#)
Subject: RE: Chemical Lists
Date: 07/21/2008 10:28 AM

Hi Eric,

We will review this quickly.

Thanks very much,

Bob

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, July 21, 2008 10:23 AM
To: Wyatt, Robert; ricka@bes.ci.portland.or.us;
Jim.McKenna@portofportland.com
Cc: kpine@anchorenv.com; voster@anchorenv.com;
Humphrey.Chip@epamail.epa.gov
Subject: Chemical Lists

All, EPA has reviewed the Indicator Chemical List Memorandum developed by the LWG on June 26th. This list was a counter proposal to EPA's list developed on June 11, 2008. The proposed list is acceptable with the following exceptions:

Nature and Extent (Sediments, Biota, Surface Water and TZW) and Loading, Fate and Transport Lists:

Carcinogenic PAHs: EPA agrees that mapping high and low PAHs is consistent with how mapping has been performed previously and is consistent with certain sediment quality guidelines. However, EPA has an interest in mapping carcinogenic PAHs to support the evaluation of risks to human health. As a result, EPA has determined that Carcinogenic PAHs must be mapped in addition to high molecular weight PAHs, low molecular weight PAHs and total PAHs for the following media: Sediments, Biota (clam tissue only), surface water, TZW and TZW Loading (note: EPA inadvertently did not include carcinogenic PAHs as a biota indicator chemical in our June 11, 2008 table.

Pesticides: EPA agrees to limiting pesticides to those detected at a 20% or greater frequency in sediment. We will substitute gamma-HCH (lindane) for beta-HCH. This will result in the mapping of the following pesticides: Aldrin, Dieldrin, gamma-HCH, various DDT combinations as proposed and chlordane. For consistency, the aforementioned pesticides should be included as indicator chemicals for sediment, biota and surface water.

Hybrid Model List:

Metals: Copper must be included to ensure that a stormwater related metal is considered in the hybrid model.

CSM List:

Four chemicals requested by EPA were not included in the list: Lead, zinc, dieldrin and lindane. Zinc and dieldrin must be included as CSM chemicals. Because aldrin readily degrades to dieldrin in the environment, aldrin and dieldrin should be evaluated together.

This is EPA's final position on this. Please let me know if you need us to formalize this direction in a letter or whether this email communication is sufficient.

Thanks, Eric .